

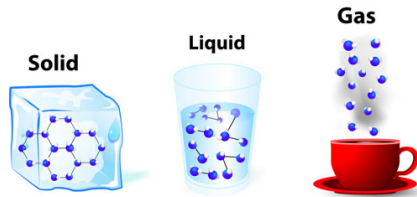
Y5 Science: Properties & Changes in Materials



What I remember:

- The difference between a solid, liquid and a gas (Y4)
- Melting, freezing, boiling, evaporation, and condensation (Y4)
- Basic properties of materials (Y2)

Materials have different uses based on their **properties** and **state**.



Mixtures can be separated by:

filtering



sieving



evaporation



Properties:

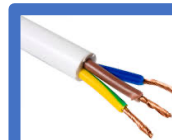
hardness



transparency



electrical conductivity



thermal conductivity

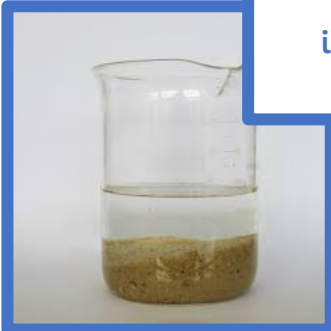
attraction to magnet



Some changes are reversible (you can get the original materials back).



Some materials will **dissolve** in a liquid and form a **solution (soluble)** while others are **insoluble** and form **sediment**.



Some changes are irreversible (new materials are formed).

